

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: MINH-CHAU PHAM Examiner #: 73166 Date: 10/18/02
 Art Unit: 1724 Phone Number 308-1605 Serial Number: 10/086,221
 Mail Box and Bldg/Room Location: CP3-5A05 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: VACUUM CLEANER BAG DICKING ASSEMBLY

Inventors (please provide full names): WILLIAM G. FISH
CHARLES F. MAUNE

Earliest Priority Filing Date: 06/30/98

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

THIS IS A REISSUE APPLICATION.

PLEASE CHECK TO SEE WHETHER THE PATENT
 (PATENT NO. 6,033,451) OR THE RE ISSUE
 APPLICATION # 10/086,221 IS INVOLVED
 IN ANY LITIGATION?

THANK YOU!

EXR. PHAM

308-1605

CRYSTAL PLAZA 3

5TH FLOOR

MAIL # 5A05

No Litigation Reported

STAFF USE ONLY

Searcher: N. Pham
 Searcher Phone #: 8-4483
 Searcher Location: 71
 Date Searcher Picked Up: 10/18
 Date Completed: 10/18
 Searcher Prep & Review Time: 2
 Clerical Prep Time: _____
 Online Time: 10

Type of Search	Vendors and cost where applicable
NA Sequence (#)	STN _____
AA Sequence (#)	Dialog _____
Structure (#)	Questel/Orbit <u>26.65</u>
Bibliographic	Dr.Link _____
Litigation	Lexis/Nexis <u>40.00</u>
Fulltext	Sequence Systems _____
Patent Family	WWW/Internet _____
Other	Other (specify) _____

Current session 18/10/2002

(C) QUESTEL 1994
QUESTEL.ORBIT (TM) 1998
Last connection: 17/10/02 20*40*35

18/10/02 16*08*24

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- New Trademark file names, format & fields - INFO COMPU-MARK
- EPAPAT contains all unique EPTEXT data. EPTEXT file removed
- New Patent Citation Commands: easy & precise - INFO PATCITE
- USAPPS Reloaded: Pricing, see INFO USAPPS
- USPCL: US Patent Class Definition Look-up File - INFO USPCL
..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,70
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.60 USD
Cost estimated for the last database search : 0.60 USD
Estimated total session cost : 0.60 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Last update of file: 2002/10/10 (YYYY/MM/DD) 2002-40/UP (basic update)

Search statement 1

Query/Command : US6033451/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

I/I PLUSPAT - ©QUESTEL-ORBIT

PN - US6033451 A 20000307 [US6033451]
TI - (A) Vacuum cleaner bag docking assembly
PA - (A) ORECK HOLDINGS LLC (US)
IN - (A) FISH WILLIAM G (US); MALONE CHARLES F (US)
AP - US10771098 19980630 [1998US-0107710]
PR - US10771098 19980630 [1998US-0107710]
IC - (A) A47L-005/28
EC - A47L-009/14
PCL - ORIGINAL (O) : 055374000; CROSS-REFERENCE (X) : 015350000 015351000
055376000 055377000 055378000 055DIG002
DT - Corresponding document
CT - US4381192; US4539026; US4591369; US4678486; US4738697; US5028245;
US5064455; US5089038; US5092915; US5226941; US5230724; US5464460;
US5544385; US5688298; US5820643
STG - (A) United States patent
AB - For use with vacuum cleaner bags of the type having a substantially rigid collar
surrounding the bag opening, and with vacuum cleaners of the type having a dirty air
outlet nozzle, a vacuum bag docking assembly is shown and described. The assembly
incorporates an anchor member having a central opening for closely receiving the dirty air
outlet nozzle. The assembly also incorporates a mounting member which engages the
collar on the vacuum bag to secure the bag to the bag mounting member. The bag
mounting member is pivotally connected to the anchor member, and moves between a
loading position in which the bag can be inserted or removed from the mounting member,
and a working position in which the bag opening engages the dirty air outlet nozzle.
UP - 2000-10

I/I LGST - ©LEGSTAT

PN - US 6033451 [US6033451]
AP - US 107710/98 19980630 [1998US-0107710]
DT - US-P

ACT - 19980630 US/AE-A
APPLICATION DATA (PATENT)
US 107710/98 19980630 [1998US-0107710]

20000307 US/A
PATENT

20010227 US/CC
CERTIFICATE OF CORRECTION

20020528 US/RF
REISSUE APPLICATION FILED
20020227

UP - 2002-24

1 / 1 CRXX - © CLAIMS/RRX

PN - 6,033,451 A 20000307 [US6033451]
PA - Oreck Holdings LLC
ACT - 20020227 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020528
REISSUE REQUEST NUMBER: 10/086221
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1724

Reissue Patent Number:

1 / 3 PAST - © Thomson Derwent

AN - 200222-001908
PN - 6033451 A [US6033451]
OG - 2002-05-28
ACT - REISSUE APPLICATION FILED

2 / 3 PAST - © Thomson Derwent

AN - 200110-000163
PN - 6033451 A [US6033451]
OG - 2001-03-06
ACT - CERTIFICATE OF CORRECTION

3 / 3 PAST - © Thomson Derwent

AN - 200109-000163
PN - 6033451 A [US6033451]
OG - 2001-02-27
ACT - CERTIFICATE OF CORRECTION

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,61
The cost estimation below is based on Questel's
standard price list

Estimated cost : 1.34 USD
Records displayed and billed : 1
Estimated cost : 1.10 USD
Cost estimated for the last database search : 2.44 USD
Estimated total session cost : 3.04 USD

LGST - Time in minutes : 0,05
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.05 USD

Records displayed and billed : 1
Estimated cost : 0.57 USD
Cost estimated for the last database search : 0.62 USD
Estimated total session cost : 3.66 USD

CRXX - Time in minutes : 0,04
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.06 USD
Records displayed and billed : 1
Estimated cost : 5.00 USD
Cost estimated for the last database search : 5.06 USD
Estimated total session cost : 8.72 USD

PAST - Time in minutes : 0,09
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.17 USD
Records displayed and billed : 3
Estimated cost : 16.83 USD
Cost estimated for the last database search : 17.00 USD
Estimated total session cost : 25.72 USD

LITA - Time in minutes : 0,00
The cost estimation below is based on Questel's
standard price list
Estimated total session cost : 25.72 USD

Selected file: INPADOC

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2002-41)
For information on content, ..INFO INPD.

Search statement 1

Query/Command : FAM US6033451/PN

1 Patent Groups

**** SS 1: Results 6**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1/6 INPADOC - ©INPADOC

PN - AU 42260/99 A1 20000117 [AU9942260]
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY
IN - FISH WILLIAM G; MALONE CHARLES F
PA - ORECK HOLDINGS LLC
AP - AU 42260/99-A 19990601 [1999AU-0042260]
PR - US 107710/98-A 19980630 [1998US-0107710]
WO 9912114/99(US)-W 19990601 [1999WO-US12114]
IC - A47L-009/14

2/6 INPADOC - ©INPADOC

PN - EP 1091680 A1 20010418 [EP1091680]
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY
LA - ENG
IN - FISH WILLIAM G [US]; MALONE CHARLES F [US]
PA - ORECK HOLDINGS LLC [US]
AP - EP 99926102/99-A 19990601 [1999EP-0926102]
PR - WO 9912114/99(US)-W 19990601 [1999WO-US12114]
US 107710/98-A 19980630 [1998US-0107710]
IC - A47L-009/14
DS - DE* FR* GB* IT*

1/1 LEGALI - ©LEGSTAT

PN - EP 1091680 [EP1091680]
AP - EP 99926102/99 19990601 [1999EP-0926102]
DT - EP-P
ACTE - 19990601 EP/AE-A
EP-APPLICATION
EP 99926102/99 19990601 [1999EP-0926102]

20010418 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH
REPORT:
DE FR GB IT

20010418 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT

20010418 EP/17P [+]
REQUEST FOR EXAMINATION FILED
20001221

20010613 EP/RIN1
INVENTOR (CORRECTION)
FISH, WILLIAM, G. * MALONE, CHARLES, F.

20020807 EP/17Q [+]
FIRST EXAMINATION REPORT
20020621
UP - 2002-32

3/6 INPADOC - ©INPADOC

PN - JP 2002519086 T2 20020702 [JP2002519086]
AP - JP 2000556663/00-A 19990601 [2000JP-0556663]
PR - US 107710/98-A 19980630 [1998US-0107710]
WO 9912114/99(US)-W 19990601 [1999WO-US12114]
IC - A47L-009/14

4/6 INPADOC - ©INPADOC

PN - US 6033451 A 20000307 [US6033451]
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY
IN - FISH WILLIAM G [US]; MALONE CHARLES F [US]
PA - ORECK HOLDINGS LLC [US]
AP - US 107710/98-A 19980630 [1998US-0107710]
PR - US 107710/98-A 19980630 [1998US-0107710]
IC - A47L-005/28

1/1 LEGALI - ©LEGSTAT

PN - US 6033451 [US6033451]
AP - US 107710/98 19980630 [1998US-0107710]
DT - US-P
ACTE - 19980630 US/AE-A
APPLICATION DATA (PATENT)
US 107710/98 19980630 [1998US-0107710]

20000307 US/A
PATENT

20010227 US/CC
CERTIFICATE OF CORRECTION

20020528 US/RF
REISSUE APPLICATION FILED
20020227
UP - 2002-24

5/6 INPADOC - ©INPADOC

PN - WO 200000074 A1 20000106 [WO200000074]
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY
LA - ENG
IN - FISH WILLIAM G; MALONE CHARLES F
PA - ORECK HOLDINGS LLC [US]
AP - WO US 9912114/99(US)-A 19990601 [1999WO-US12114]
PR - US 107710/98-A 19980630 [1998US-0107710]
IC - A47L-009/14
DS - AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* CA* CH* CN* CU* CZ* DE* DK*
EE* ES* FI* GB* GE* GH* GM* HR* HU* ID* IL* IN* IS* JP* KE* KG* KP* KR*
KZ* LC* LK* LR* LS* LT* LU* LV* MD* MG* MK* MN* MW* MX* NO* NZ*
PL* PT* RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT* UA* UG* UZ*
VN* YU* ZA* ZW* GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

1/2 LEGALI - ©LEGSTAT

PN - JP 556663/2000
AP - JP 556663/2000 0 [2000JP-0556663]
DT - JP-A
ACTE - 20001221 JP/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 200000074> WO200000074
UP - 2002-09

2 / 2 LEGALI - ©LEGSTAT

PN - WO 200000074 [WO200000074]

AP - WO 9912114/99(US) 19990601 [1999WO-US12114]

DT - WO-P

ACTE - 19990601 WO/AE-A
APPLICATION DATA

WO 9912114/99(US) 19990601 [1999WO-US12114]

20000106 WO/AK-A1 [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

20000106 WO/AL-A1 [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

20000106 WO/A1 [+]

PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT

20000301 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION

20000413 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20001221 WO/ENP-A

ENTRY INTO THE NATIONAL PHASE IN:

<JP 00556663>

20010503 WO/REG; DE/8642 [-]

DE: IMPACT ABOLISHED FOR DE

<DE>

UP - 2002-09

6/6 INPADOC - ©INPADOC

PN - WO 200027390 A1 20000518 [WO200027390]
TI - IONIC SILVER COMPLEX
LA - ENG
IN - NEWMAN IRA JAY [US]; WASHBURN DAVID [US]
PA - NEWMAN IRA JAY [US]; WASHBURN DAVID [US]
AP - WO US 9926223/99(US)-A 19991105 [1999WO-US26223]
PR - US 107710/98-A1 19981109 [1998US-0107710]
IC - A61K-031/28; A61K-047/12; A61K-047/18; A01N-037/36
DS - AE* AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* CA* CH* CN* CR* CU* CZ*
DE* DK* DM* EE* ES* FI* GB* GD* GE* GH* GM* HR* HU* ID* IL* IN* IS* JP*
KE* KG* KP* KR* KZ* LC* LK* LR* LS* LT* LU* LV* MA* MD* MG* MK*
MN* MW* MX* NO* NZ* PL* PT* RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM*
TR* TT* TZ* UA* UG* US* UZ* VN* YU* ZA* ZW* GH GM KE LS MW SD SL SZ
TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

1/3 LEGALI - ©LEGSTAT

PN - JP 580619/2000
AP - JP 580619/2000 0 [2000JP-0580619]
DT - JP-A
ACTE - 20010509 JP/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 200027390> WO200027390
UP - 2002-09

2/3 LEGALI - ©LEGSTAT

PN - AU 200014701 [AU200014701]
AP - AU 200014701 - [2000AU-0014701]
DT - AU-A5
ACTE - 20000217 AU/REFW-P
COMPLETE PCT APPLICATION FILED
<WO 200027390> [WO200027390]
UP - 2001-08

3/3 LEGALI - ©LEGSTAT

PN - WO 200027390 [WO200027390]

AP - WO 9926223/99(US) 19991105 [1999WO-US26223]

DT - WO-P

ACTE - 19991105 WO/AE-A

APPLICATION DATA

WO 9926223/99(US) 19991105 [1999WO-US26223]

20000217 WO/ENP-A

ENTRY INTO THE NATIONAL PHASE IN:

<AU 0014701>

20000518 WO/AK-A1 [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

20000518 WO/AL-A1 [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG

20000518 WO/A1 [+]

PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT

20000712 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION

20000803 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20010509 WO/ENP-A

ENTRY INTO THE NATIONAL PHASE IN:

<JP 00580619>

20010913 WO/REG; DE/8642 [-]

DE: IMPACT ABOLISHED FOR DE

<DE>

UP - 2002-09

PATNO IS 6033451

DATE: OCTOBER 18, 2002
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6033451

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6033451 , March 7, 2000 , Vacuum cleaner bag docking assembly , Fish, William G., Gulfport, MS; Malone, Charles F., New Bern, NC, 00107710 (00), Oreck Holdings, LLC, Cheyenne, WY

CORE TERMS: bag, dirty, nozzle, outlet, mounting, vacuum, collar, anchor, vacuum cleaner, docking ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6033451

<=1> GET 1st DRAWING SHEET OF 6

March 7, 2000

Vacuum cleaner bag docking assembly

REISSUE: February 27, 2002 - Reissue Application filed Ex. Gp.: 1724; Re. S.N. 10/086,221 May 28, 2002

CERT-CORRECTION: February 27, 2001, a Certificate of Correction was issued for this patent

APPL-NO: 00107710 (00)

FILED-DATE: June 30, 1998

GRANTED-DATE: March 7, 2000

CORE TERMS: bag, dirty, nozzle, outlet, mounting, vacuum, collar, anchor, vacuum cleaner, docking ...

ENGLISH-ABST:

For use with vacuum cleaner bags of the type having a substantially rigid collar surrounding the bag opening, and with vacuum cleaners of the type having a dirty air outlet nozzle, a vacuum bag docking assembly is shown and described. The assembly incorporates an anchor member having a central opening for closely receiving the dirty air outlet nozzle. The assembly also incorporates a mounting member which engages the collar on the vacuum bag to secure the bag to the bag mounting member. The bag mounting member is pivotally connected to the anchor member, and moves between a loading position in which the bag can be inserted or removed from the mounting member, and a working position in which the bag opening engages the dirty air outlet nozzle.

6033451 OR 6,033,451

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.